

LISTING OF CLAIMS

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1. (Currently Amended) A method for encoding a picture signal, comprising the steps of:

(1) partitioning ~~grouping~~ picture information of one block group into respective information regions ~~of each block, and partitioning to relevant regions;~~ and [[,]]

(2) forming a partition table having length information indicating a length information of each of the ~~partitioned regions of the grouped~~ respective information regions.

2. (Currently Amended) A method as claimed in claim 1, wherein the ~~grouped~~ respective information includes; regions include:

a header region having a group of respective headers of a plurality of macro blocks;

a motion vector region having a group of respective motion vectors of the plurality of macro blocks, and

a discrete cosine transform coefficient region having a group of respective discrete cosine transform coefficients region of the plurality of macro blocks.

3. (Currently Amended) A method as claimed in claim 1, further comprising the step of ~~subjecting grouped information regions to:~~

channel coding the information regions in redundancies ~~different from one another~~ depending on an order of importance of the information regions indicated in the partition table.

4. (Currently Amended) A method as claimed in claim 3, wherein the channel coding is performed with a greater amount of redundancy ~~is carried out so that~~ for an information region having a higher order of importance indicated in the partition table than for ~~has the highest redundancy~~ an information region having a lower order of importance.

5. (Currently Amended) A method as claimed in claim 1, further comprising ~~the step of:~~ adding resynchronization markers for marking the block groups group.

6. (Currently Amended) A method as claimed in claim 1, ~~wherein~~ further comprising: forming the partition table ~~is formed~~ by converting a maximum length of each partitioning of the information regions into a number of bits.

7. (Currently Amended) A method for encoding a picture signal, comprising ~~the step of: coding, transmitting a partition table in which:~~

forming a header region having a group of respective headers of a plurality of macro blocks, a motion vector region having a group of respective motion vectors of the plurality

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of macro blocks, and a discrete cosine transform coefficient region having a group of respective discrete cosine transform coefficients of the plurality of macro blocks, ~~and~~

forming a partition table having length information indicating lengths of the header region, the motion vector region, and discrete cosine transform coefficient region ~~are formed in a table; and~~

transmitting the partition table with the header region, motion vector region, and discrete cosine transform coefficient region as an encoded picture signal.

8. (Currently Amended) A method as claimed in claim 7, further comprising:  
transmitting a resynchronization markers for marking the block groups marker with the partition table.

9. (Currently Amended) A method as claimed in claim 8, wherein the resynchronization marker is transmitted ~~at first~~ before the partition table.

10. (Currently Amended) A method as claimed in claim 8, wherein a predetermined number of the regions are channel coded in redundancies different from one another.

11. (Currently Amended) A method as claimed in claim 10, wherein the ~~channel coding is carried out such that~~ the partition table includes information indicating an order of importance of region has the highest redundancy, and the header region, the motion vector region, and the discrete cosine transform region have redundancies in descending order, and wherein redundancy in the channel coding is performed based on the order of importance indicated in the partition table.

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12. (Currently Amended) A method as claimed in claim 7, wherein the transmitting step includes transmitting the partition table ~~region~~, the header region, the motion vector region, and the discrete cosine transform region ~~are transmitted in an order of recitation.~~

13. (Currently Amended) A method for decoding a picture signals, comprising the steps of:

(1) receiving a picture signal ~~obtained by grouping picture information of one block group into respective~~ including information regions of ~~a each block group~~ and partitioning to relevant regions, and forming a partition table having length information on the partitioned regions of respective information regions;

(2) analyzing the partition table ~~of a received block group, to detect to~~ determine the length of each information region of respective partition region; and[[,]]

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(3) decoding the ~~respective~~ partition regions according to the length information of ~~detected~~ ~~respective~~ partition.

14. (Currently Amended) A method for decoding a picture signal, comprising the steps of:

a' (1) receiving a picture signal ~~obtained by grouping picture information of one block group into~~ ~~respective~~ including information regions of ~~a~~ each block group and partitioning to relevant regions, forming a partition table region having length information on the partitioned regions of respective information regions and said information regions being channel coded coding ~~respective~~ regions in redundancies different from one another;

(2) ~~channel coding and analyzing the partition table region of a received block group, to detect~~ to determine the length information of the information regions partitioned region; and [[,]]

(3) channel decoding ~~respective~~ partition the information regions according to the length information ~~length information of the detected~~ ~~respective~~ partition regions.

15. (New) A method for encoding a picture signal, comprising:  
grouping picture information from a plurality of blocks into information regions;  
partitioning the regions; and  
forming a partition table which includes length information for each of the regions.
16. (New) A method as claimed in claim 15, wherein the regions include:  
a header region having a group of headers from the blocks;  
a motion vector region having a group of motion vectors from the blocks; and  
a discrete cosine transform coefficient region having discrete cosine transform coefficients from the blocks.
17. (New) A method as claimed in claim 15, further comprising:  
channel coding the regions in redundancies depending on an order of importance of the regions indicated in the partition table.
18. (New) A method as claimed in claim 17, wherein the channel coding is performed with a greater amount of redundancy for a region having a higher order of importance indicated in the partition table than for a region having a lower order of importance.

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19. (New) A method as claimed in claim 15, further comprising:

adding a resynchronization marker to the information regions and the partition

table.

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20. (New) A method as claimed in claim 15, further comprising:

forming the partition table by converting a maximum length of each region into a

number of bits.

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